A. EQUIPMENT TO BE FURNISHED BY THE SHA ITEM NO. QUANTITY SHEET ALUMINUM SIGNS 142.5 S.F. 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, MARYLAND 346, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, MARYLAND 346, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "WEST, MARYLAND 346, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "EAST, MARYLAND 346, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, US 113, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, US 113, (LEFT ARROW)", 48" x 75", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "SOUTH, US 113, (RIGHT ARROW)", 30" x 51", POLE MOUNTED HARDWARE 1 EACH ASSOCIATED SHIELD ASSEMBLY SIGN, "NORTH, US 113, (LEFT ARROW)", 48" x 75",

B. EQUIPMENT TO BE FURNISHED AND/ OR INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
1001	1 EACH	MAINTENANCE OF TRAFFIC
8018	140 L.F.	F & I 4-CONDUCTOR OPTICOM DETECTOR CABLE
8043	142.5 S.F.	INSTALL OVERHEAD MOUNTED SIGN
8047	1 EACH	F & I OPTICOM NO. 721 DETECTOR EYE

C. EQUIPMENT TO BE REMOVED AND RETURNED TO THE SHA

DESCRIPTION

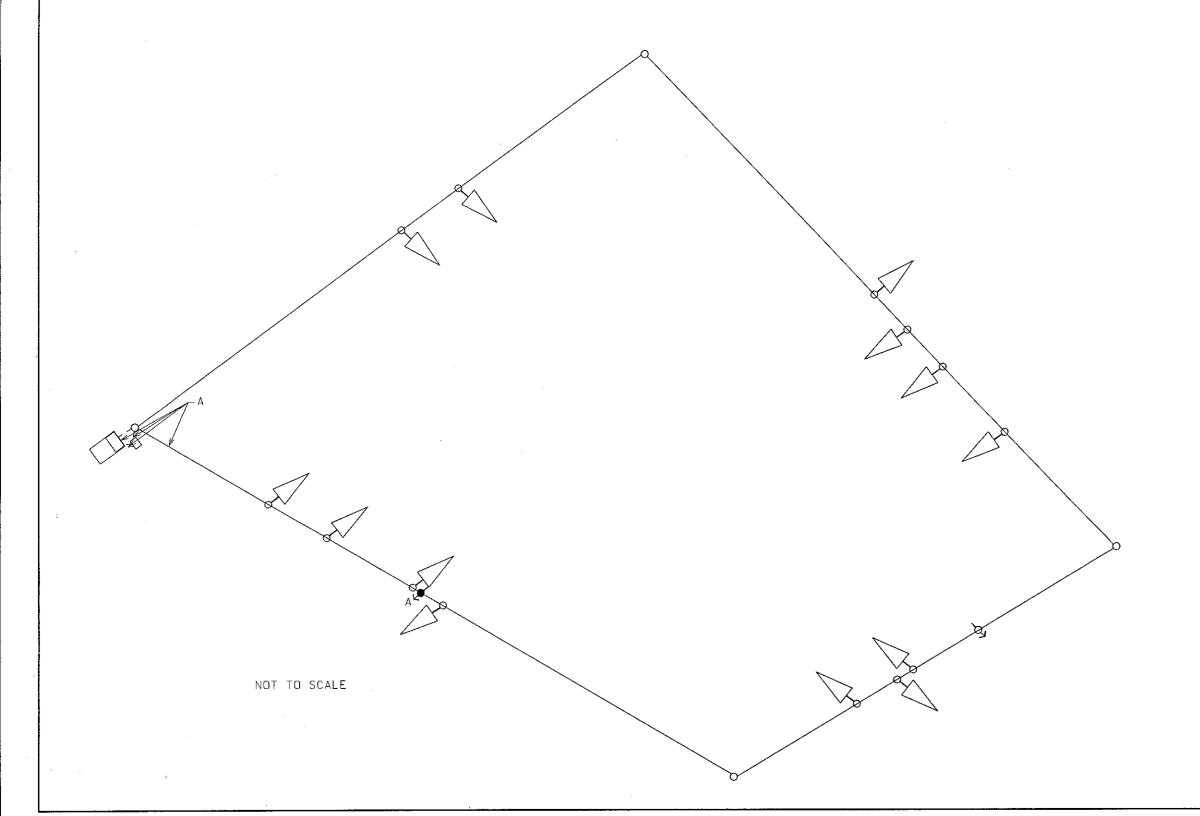
ALL REMOVED SIGNAL MATERIALS ARE TO BECOME THE PROPERTY OF THE CONTRACTOR

POLE MOUNTED HARDWARE

WIRING DIAGRAM A = 4-CONDUCTOR OPTICOM DETECTOR CABLE

NORTH-SOUTH DIRECTION.

US 113 RUNS IN A



PHASE 3 & 7 $\blacksquare R - \blacksquare R - □ R$ 3 & 7 CHANGE THE CONTROLLER MAY SKIP TO PHASES 3 & 8, OR 4 & 7, OR 4 & 8 PHASE 3 & 8 3 CHANGE PHASE 4 & 7 7 CHANGE PHASE 4 & 8 | **∢**R− | **∢**R− | R | R **| ∢**R− | **∢**R− | R 4 & 8 CHANGE FLASHING | FL/RA | FL/RA | FL/Y | FL/Y | FL/RA | FL/Y | FL/Y | FL/R | FL/R | FL/R | FL/R | FL/R | FL/R | OPERATION

∢R- **∢**R-

PHASE CHART

PHASE 1 & 6

PHASE 2 & 5

PHASE 2 & 6

2 & 6 CHANGE

1 CHANGE

5 CHANGE

FIRE HOUSE PRE-EMPTION - PHASE 2 & 5 PRE-EMPTION R R R R R R ◀----

4G- **4**G- **R R 4**G- **4**G- **R R R R R R R R**

'G|R|R|R|R|R

G R R R R R R R

RRRRRR

R **| ∢**Y-G | **∢**Y-G |

THE CONTROLLER MAY SKIP TO PHASES 1 & 6, OR 2 & 5, OR 2 & 6

FIRE HOUSE PRE-EMPTION - PHASE 4 & 7

FIREHOUSE PRE-EMPTION PHASE 4 & 7	 ■R-	∢ R−	R	R	∢ R−	∢ R−	R	R	∢ G-G	∢ G-G	G	R	R	R	<u></u> -
PRE-EMPTION CLEARANCE	∢ R−	∢ R−	R	R	∢ R−	∢ R−	R	R	∢ Y-Y	∢ Y-Y	Y	R	R	R]- [
PHASE 2 & 6 NORMAL OPERATION	√R-	∢ R−	G	G	∢ R−	∢ R-	G	G	R	R	R	R	R	R	←

PROJECT CONTACTS

THE PROJECT CONTACTS ARE AS FOLLOWS:

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MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

US 113 and MD 346 BERLIN, MARYLAND

	F.A.P. NO	T.S. NO. TS-1738 D	SHEET NO.
CALE: AS NOTED	COUNTYWORCESTER	T.I.M.S. NO.	
ATE: 05/2003	LOG MILE 23011328.88	F6Ø6	<u> 2 OF 2</u>